

15606  
012004  
Case No. GCSD-1491 (51358)  
**MAIL STOP PATENT APPLICATION**  
**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

I HEREBY CERTIFY THIS PAPER OR FEE IS BEING  
DEPOSITED WITH THE U.S. POSTAL SERVICE  
"EXPRESS MAIL POST OFFICE TO ADDRESSEE"  
SERVICE UNDER 37 CFR 1.10 ON THE DATE  
INDICATED BELOW AND IS ADDRESSED TO: MAIL  
STOP PATENT APPLICATION, COMMISSIONER FOR  
PATENTS, ALEXANDRIA, VA 22313-1450.

EXPRESS MAIL NO: EV322694355 US

DATE OF DEPOSIT: January 20, 2004

NAME: Justin Goree

SIGNATURE: *Justin Goree*

Inventors: **John Roger COLEMAN**  
**Travis Sean MASHBURN**

For: **PHASE CONTINUOUS SYNTHESIZER WITH PHASE COASTING**  
**AND ASSOCIATED METHODS**

Enclosed are:

- ☒ Patent Application: 22 pages, 17 claims.
- ☒ 4 sheets of drawings.
- ☒ The suggested drawing figure to be published is FIG. 4.
- ☒ A declaration and power of attorney.
- ☒ An assignment of the invention to *Harris Corporation*.
- ☒ Citation Under 37 CFR 1.97 and PTO-1449.
- ☒ Assignee info:
  - Name: **Harris Corporation**
  - Address: **1025 West NASA Blvd.**  
**Melbourne, Florida 32919**
  - Corporation of the State of Delaware

22581 U.S. PTO  
10/761046  
012004

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	SMALL ENTITY		LARGE ENTITY	
FOR:	# FILED		# EXTRA	RATE	FEE	RATE	FEE
BASIC FEE					\$ 385		\$ 770
TOTAL CLAIMS	17	-20	0	X 9	\$	X 18	\$
INDEP CLAIMS	4	- 3	1	X 42	\$	X 86	\$ 86
* If the difference in Col. 1 is less than "0", enter "0" in Col. 2.				TOTAL	\$ ***	TOTAL	\$ 856

- ☒ The Commissioner is authorized to charge the filing fee of \$ 856.00 and the assignment recordal fee of \$40.00 to Harris Corporation Deposit Account No. 08-0870.
- ☒ The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Harris Corporation Deposit Account No. 08-0870.
- ☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN**
- ☒ Please associate this application with Customer No. 27975.

 **27975**  
PATENT TRADEMARK OFFICE

*Paul J. Ditmyer*  
**PAUL J. DITMYER**  
Reg. No. 40,455

January 20, 2004  
Date